

CLASSIFICATION:

UNCLASSIFIED

## BUDGET ITEM JUSTIFICATION SHEET

P-40

DATE:

February 2004

APPROPRIATION/BUDGET ACTIVITY

Aircraft Procurement, Navy/BA3

P-1 ITEM NOMENCLATURE

Joint Primary Aircraft Training System (JPATS)

Program Element for Code B Items:

0603208N Training System Aircraft

Other Related Program Elements

N/A

	Prior Years	ID Code	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total Program
QUANTITY	43	B	4	2	0	0	24	48	48	159	328
Net P-1 Cost (\$M)	170.122	B	27.570	21.736	2.534	0.956	147.684	295.627	301.665	1,192.200	2,160.094
Advance Proc (\$M)	0	B	0	0	0	0	0	0	0	0	0
Wpn Sys Cost (\$M)	170.122	B	27.570	21.736	2.534	0.956	147.684	295.627	301.665	1,192.200	2,160.094
Initial Spares (\$M)	9.533	B	1.914	0.000	0.000	0.000	3.956	7.921	0.000	26.651	49.975
Proc Cost (\$M)	179.655	B	29.484	21.736	2.534	0.956	151.640	303.548	301.665	1,218.851	2,210.069
Unit Cost (\$M)	4.178	B	7.371	10.868	0.000	0.000	6.318	6.324	6.285	7.666	6.738

Description:

**MISSION:** Supports Department of the Navy acquisition of the Joint Primary Aircraft Training System (JPATS) and transition to Department of Defense mandated Joint Primary Pilot Training (JPPT). The principal mission of the JPATS is to train entry-level Navy/Air Force student pilots in primary flying skills. JPATS also provides primary and intermediate training to entry-level USN Student Naval Flight Officers (SNFOs). JPATS will also support the training of USAF and USN Instructor Pilots (IPs). JPATS is a joint USAF/USN venture to replace the Services' aging fleets of primary training aircraft (T-37B/T-34C respectively). The USAF is the executive service.

**DESCRIPTION:** JPATS is a joint USAF/USN Acquisition Category 1C program. JPATS includes the T-6A Texan II (a single turboprop engine, stepped tandem seat, commercially derived aircraft), ground based training system (aircrew training devices, development courses, conversion courses, and operational support), and contractor logistics support. The Training Information Management System (TIMS) is a major information management system that will be used by the USAF/USN to manage all student administrative and training requirements. TIMS will be procured and installed prior to the first Navy T-6A aircraft. The USAF has programmed procurement of 454 T-6A Texan II aircraft, with the first procurement in FY95. The USN has programmed procurement of 328 aircraft with the first procurement in FY00.

**BASIS FOR FY 2005 REQUEST:** FY05 funds program support which includes Airframe PGSE, Peculiar Training Equipment, Publications, Integrated Logistics Support, and Production Engineering Support. Navy procurement of JPATS aircraft is deferred and will resume in FY07.

P-1 SHOPPING LIST ITEM NO. 19

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AIRCRAFT COST ANALYSIS

P-5 Cost Sheet

Aircraft model: JPATS

		FY 2003		FY 2004		FY 2005	
		Prior Years	Qty: 4	Qty: 2		Qty: 0	
		<u>Total Cost</u>	<u>Unit Cost</u>	<u>Total Cost</u>	<u>Unit Cost</u>	<u>Total Cost</u>	<u>Unit Cost</u>
1	Airframe CFE	123,355.493	4,601.665	18,406.660	4,659.960	9,319.920	0.000
7	Rec Flyaway ECO	458.893	114.646	458.583	95.697	191.394	0.000
8	Rec Flyaway Cost	123,814.386	4,716.311	18,865.243	4,755.657	9,511.314	0.000
9	Non-Recur Cost	146.156		83.518		40.212	0.000
12	Total Flyaway	123,960.542	4,737.190	18,948.761	4,775.763	9,551.526	0.000
13	Airframe PGSE	223.877		0.000		150.000	150.000
16	Pec Trng Eq	44,268.884		8,129.714		9,771.569	100.000
17	Pub/Tech Eq	200.807		16.500		50.000	50.000
18	Other ILS	1,376.136		100.000		994.213	1,009.558
19	Prod Eng Supt	91.754		375.025		1,218.692	1,224.442
21	Support Cost	46,161.458		8,621.239		12,184.474	2,534.000
22	Gross P-1 Cost	170,122.000		27,570.000		21,736.000	2,534.000
23	Adv Proc Credit	0.000		0.000		0.000	0.000
24	Net P-1 Cost	170,122.000		27,570.000		21,736.000	2,534.000
25	Adv Proc CY	0.000		0.000		0.000	0.000
26	Weapon System Cost	170,122.000		27,570.000		21,736.000	2,534.000
27	Initial Spares	9,533.000		1,914.000		0.000	0.000
28	Procurement Cost	179,655.000		29,484.000		21,736.000	2,534.000

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)						Weapon System JPATS		A. DATE February 2004		
B. APPROPRIATION/BUDGET ACTIVITY Aircraft Procurement, Navy/BA3					C. P-1 ITEM NOMENCLATURE Joint Primary Aircraft Training System (JPATS)				SUBHEAD U3AT	
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW?	DATE REVISIONS AVAILABLE
<u>Airframe/CFE</u>										
FY03	4	4,602	ASC/YT WPAFB OH	N/A	SS/FP/OPT w/EPA	Raytheon Aircraft Wichita, Kansas	Feb 03	Apr 05	Yes	N/A
FY04	2	4,660	ASC/YT WPAFB OH	N/A	SS/FP/OPT w/EPA	Raytheon Aircraft Wichita, Kansas	Feb 04	Mar 06	Yes	N/A
D. REMARKS										

FY 2005 BUDGET PRODUCTION SCHEDULE, P-21														DATE		February 2004																			
APPROPRIATION/BUDGET ACTIVITY														Weapon System				P-1 ITEM NOMENCLATURE																	
Aircraft Procurement, Navy/BA3														Trainer Aircraft				Joint Primary Aircraft Training System (JPATS)																	
						Production Rate						Procurement Leadtimes																							
Item		Manufacturer's Name and Location				MSR	ECON	MAX		ALT Prior to Oct 1		ALT After Oct 1		Initial Mfg PLT		Reorder Mfg PLT		Total		Unit of Measure															
AIR VEHICLE		RAYTHEON AIRCRAFT CO				24	48	72		0		5		33		25		30		EACH															
		WICHITA, KANSAS																																	
*1 shift / 2 shifts																																			
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2004																FISCAL YEAR 2005												B A L
							2003			CALENDAR YEAR 2004												CALENDAR YEAR 2005													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
A/V--RAYTHEON AIRCRAFT CO		01	N	24	11	13	3		2	3	1	2	2																	0					
A/V--RAYTHEON AIRCRAFT CO		02	N	7	0	7								1	1		1			1	1	1								0					
A/V--RAYTHEON AIRCRAFT CO		03	N	4	0	4																		2	2					0					
*Production gaps filled with FMS deliveries																																			
ITEM / MANUFACTURER		F Y	S V C	Q T Y	D E L	B A L	FISCAL YEAR 2006																FISCAL YEAR 2007												B A L
							2005			CALENDAR YEAR 2006												CALENDAR YEAR 2007													
							O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P	O C T	N O V	D E C	J A N	F E B	M A R	A P R	M A Y	J U N	J U L	A U G	S E P					
A/V--RAYTHEON AIRCRAFT CO		04	N	2	0	2						1	1																	0					